Index of Claims

| Appl | ication/Con | trol | No. |
|------|-------------|------|-----|
|      |             |      |     |

10/764,330

Examiner

Sanjoo Shree Jalla

Applicant(s)/Patent under Reexamination

COOKE ET AL.

Art Unit

1644

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | Α | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     | 1 | Interference | 0 | Objected |

| Cla          | im       | Ø            | Date     |          |    |        | Date Claim Date |          |              |  |                 |          |          |              |  |  |  | CI       | aim      | Date         |           |                |             |          |  |                 |          |          |          |          |               |           |          |   |   |  |   |   |          |
|--------------|----------|--------------|----------|----------|----|--------|-----------------|----------|--------------|--|-----------------|----------|----------|--------------|--|--|--|----------|----------|--------------|-----------|----------------|-------------|----------|--|-----------------|----------|----------|----------|----------|---------------|-----------|----------|---|---|--|---|---|----------|
|              |          | ~            |          |          |    |        |                 |          |              |  |                 |          |          |              |  |  |  |          |          | <del> </del> |           |                | ΠĪ          | Ī        |  | 1               | П        | -        |          | T        |               | П         |          | Ī | Ī |  | П | П | $\dashv$ |
| Final        | Original | 1/6/06       |          |          |    |        |                 |          |              |  |                 | Final    | Original |              |  |  |  |          |          |              |           |                | Final       | Original |  |                 |          |          |          |          |               |           |          |   |   |  |   |   |          |
| $\vdash$     | 1        | +            | $\vdash$ | ┼        | ╁  | ╁      | $\dashv$        | $\dashv$ | _            | -  | -               |          | 51       |              | -  | $\vdash$   | Н  | $\dashv$ | $\dashv$ | $\dashv$     | -         | $\dashv$       |             | 101      | -  | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |   |   |  |   |   |          |
| $\vdash$     | 2        | Ť            | $\vdash$ | +-       | ╁╴ | +      | $\dashv$        | $\dashv$ |              | Н  | $\dashv$        | -        | 52       |              | -  |  |  | $\dashv$ | $\dashv$ |              | $\dashv$  |                |             | 102      |  |                 |          | ᅱ        | $\dashv$ | -        | $\dashv$      | $\dashv$  | $\dashv$ |   |   |  |   |   |          |
| $\vdash$     | 3        | +            | $\vdash$ | +-       | ╁╴ | ┿      | +               | -        |              | -  |                 | -        | 53       |              |  |  | H  |          | -        | _            | -         | $\dashv$       |             | 103      |  |                 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | -         |          |   |   |  |   |   |          |
| $\vdash$     | 4        | +            | ╁        | +        | +  | +      | $\dashv$        | -        |              | Н  |                 | -        | 54       | -            | -  | -  | H  | $\dashv$ | -+       | ᅱ            | -         |                |             | 104      |  | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
| $\vdash$     | 5        | +            | ┼        | ╁        | ╫  | ┿      | +               | $\dashv$ |              | $\vdash$   |                 | $\vdash$ | 55       | $\vdash$     |  |  | -  |          | -        |              | $\dashv$  | -              |             | 105      | _  | -               | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
| $\vdash$     | 6        | +            | ╁        | $\vdash$ | ╁  | ╁      | $\dashv$        | $\dashv$ |              | -  |                 | -        | 56       | $\vdash$     |  |  | $\vdash$   | $\dashv$ | -        | -            |           | $\dashv$       | -           | 106      | _  | -               |          | -        | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 7        | +            | $\vdash$ | $\vdash$ | +  | +      | +               | -        | _            | -  |                 | ļ        | 57       | $\vdash$     |  |  | $\vdash$   | $\dashv$ | -        | $\dashv$     | -         | $\dashv$       |             | 107      | _  |                 |          |          | $\dashv$ | $\dashv$ | $\dashv$      | 러         |          |   |   |  |   |   |          |
| $\vdash$     | 8        | +            | ┢        | ╁╴       | ╁  | ╁      | -               |          | _            | $\vdash$   | -               |          | 58       | $\vdash$     | $\vdash$   | -  |  | -        | -        | -            | $\dashv$  | -              |             | 108      | <del> </del>                                     | $\dashv$        | $\dashv$ | $\dashv$ |          | $\neg$   | -             | $\dashv$  |          |   |   |  |   |   |          |
| $\vdash$     | 9        | +            | $\vdash$ | +        | +  | +      | $\dashv$        | $\dashv$ |              | -  |                 | -        | 59       | ┢            | -  | $\vdash$   | Н  | -        |          |              |           | -              | -           | 109      | -  | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | ᅥ        | $\dashv$      | 一         |          |   |   |  |   |   |          |
|              | 10       | +            | ╁        | ╁        | ╁  | +      | $\dashv$        | 一        | _            | H  | -               |          | 60       | 1            | $\vdash$   |  | H  | $\dashv$ | -        |              |           | $\dashv$       |             | 110      | $\vdash$   | -               |          |          | -        | $\dashv$ | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 11       | +            | ┢        | ╁        | ╁  | ╁      | ┥               |          |              | -  | $\dashv$        | -        | 61       |              |  | $\vdash$   | -  |          | -        | -+           | $\dashv$  | $\dashv$       | <u> </u>    | 111      | ┝  | H               |          |          | _        | $\dashv$ | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 12       | +            | $\vdash$ | ╁        | +  | +      | +               | $\dashv$ |              | -  | $\dashv$        |          | 62       | -            | -  | $\vdash$   |  |          |          |              | $\dashv$  | $\dashv$       | -           | 112      |  |                 | ╗        |          | _        | $\dashv$ | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
|              | 13       | +            | $\vdash$ | +        | +  | +      | $\dashv$        | $\dashv$ |              |  | -               |          | 63       |              | $\vdash$   | $\vdash$   | H  | $\vdash$ |          |              | $\dashv$  | $\dashv$       | -           | 113      | -  |                 | _        |          | $\dashv$ | $\dashv$ | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
| $\vdash$     | 14       | +            | $\vdash$ | ╁        | ╁  | +      | +               |          |              | $\vdash$   | H               | <u> </u> | 64       |              | -  |  | -  | $\vdash$ | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 114      | $\vdash$   | $\vdash \vdash$ | $\dashv$ |          |          | $\dashv$ | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 15       | +            | ╁        | ╁╌       | ╁  | +      | $\dashv$        |          |              |  | $\vdash$        | $\vdash$ | 65       |              | -  | -  | -  | $\dashv$ | -        | $\dashv$     | $\dashv$  |                | <u> </u>    | 115      | $\vdash$   | $\vdash$        |          | $\neg$   |          | $\neg$   | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
| -            | 16       | +            | +        | ╁╌       | ╁  | +      | $\dashv$        | $\dashv$ |              | -  |                 | -        | 66       | -            |  | $\vdash$   | $\vdash$   | $\dashv$ | -        |              | -         | -              |             | 116      |  | -               |          |          |          | _        | $\neg$        | $\dashv$  |          |   |   |  |   |   |          |
|              | 17       | +            | ┼        | +-       | ╁  | +      | $\dashv$        | $\dashv$ | _            | $\vdash$   | -               |          | 67       | -            |  | -  | $\vdash$   | $\dashv$ | $\dashv$ | $\dashv$     | -         |                | -           | 117      |  |                 |          |          | $\dashv$ |          | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
|              | 18       | H            | $\vdash$ | +        | +  | $^{+}$ | $\dashv$        | $\dashv$ |              | -  |                 |          | 68       | $\vdash$     | $\vdash$   | -  | -  | -        | $\dashv$ | $\dashv$     | $\dashv$  | -              | -           | 118      | $\vdash$   | $\dashv$        | $\neg$   |          |          |          | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 19       | ╫            | ╁        | ╁╴       | ╁  | ╁      | $\dashv$        |          |              |  | $\vdash$        | -        | 69       | ├            | -  | -  | -  | $\dashv$ | $\dashv$ | $\dashv$     | -         |                | -           | 119      | ┢  | -               |          |          | $\dashv$ |          | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
|              | 20       | H            | ╁        | ╁╴       | ╁  | +      | $\dashv$        | $\dashv$ |              |  |                 | -        | 70       | H            | <del>                                     </del> | -  |  | $\vdash$ | $\dashv$ | $\dashv$     | $\dashv$  | _              |             | 120      | $\vdash$   | $\vdash$        | -        |          |          |          | $\exists$     | $\neg$    |          |   |   |  |   |   |          |
|              | 21       | H            | ╁        | ╁        | ╁  | ╁      | -               |          |              |  | Н               | -        | 71       |              | <del>                                     </del> |  |  |          | -        |              | $\dashv$  | $\dashv$       |             | 121      |  |                 |          |          | $\neg$   |          | -             | _         | _        |   |   |  |   |   |          |
| $\vdash$     | 22       | ╫            | ╁        | ╁        | ╁╌ | +      | -+              | $\neg$   | -            |  | Н               | -        | 72       | ├            |  | $\vdash$   | Н  | $\vdash$ |          | $\dashv$     |           | $\dashv$       |             | 122      |  | $\vdash$        |          |          |          |          | _             | $\dashv$  |          |   |   |  |   |   |          |
|              | 23       | H            | +        | +        | +  | +      | $\dashv$        | $\dashv$ | _            | -  |                 | -        | 73       | ┢            | ╁  | ┢  |  | $\vdash$ | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 123      | $\vdash$   | Н               |          |          | -        |          | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
|              | 24       | H            | ╁        | ╁        | +  | +      | $\dashv$        | -        | _            |  |                 | $\vdash$ | 74       | ╁            | <del> </del> —                                   |  | ┝  | $\vdash$ | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 124      | 一  | $\vdash$        | _        |          | $\neg$   |          | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
|              | 25       | 1            | ╁        | +        | +  | +      | $\dashv$        |          |              |  |                 | -        | 75       | H            | ╁  | -  | -  | Н        | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 125      | ┢  |                 |          |          |          | _        | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
| $\vdash$     | 26       | H            | ┼        | +        | +- | +      | $\dashv$        | -        | -            | -  |                 |          | 76       | $\vdash$     |  |  | $\vdash$   | -        |          | -            | $\neg +$  | $\dashv$       |             | 126      | _  | H               | _        |          | $\dashv$ |          | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
| <del> </del> | 27       | ;<br>+       | ╁        | ╁        | ╁  | +      | $\dashv$        | $\dashv$ | -            | $\vdash$   |                 | ļ        | 77       | ╁            | ├  | -  | -  | $\dashv$ | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 127      | $\vdash$   | H               |          |          |          |          | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
|              | 28       | H            | ╁╌       | ╁        | +- | +      | -+              |          |              | -  |                 |          | 78       | $\vdash$     | -  | -  | $\vdash$   |          |          | -            | ᅱ         |                | -           | 128      | $\vdash$   | Н               |          |          |          |          | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
| <b>-</b>     | 29       |              | ╁        | ╁╴       | ╁  | +      | -               | $\dashv$ | -            | $\vdash$   |                 | -        | 79       | $\vdash$     |  |  | -  |          | -        |              | $\dashv$  | $\dashv$       | 1           | 129      |  | Н               |          | -        | _        | -        | $\dashv$      | $\dashv$  |          |   |   |  |   |   |          |
|              | 30       | H            | ╁        | +        | ╁  | +      | $\dashv$        | $\dashv$ | -            | -  |                 | -        | 80       | ┢            | -  | -  | -  |          |          | $\dashv$     | $\dashv$  | $\dashv$       |             | 130      | $\vdash$   | Н               |          |          |          |          | $\dashv$      | $\dashv$  | _        |   |   |  |   |   |          |
|              | 31       | H            | $\vdash$ | +        | ╁  | +      | $\dashv$        |          |              |  | $\vdash$        | -        | 81       | ╁╾           | ├─   | ├  |  | _        | _        | -            | $\dashv$  |                |             | 131      | ┢  | Н               |          |          |          |          | $\dashv$      | $\exists$ |          |   |   |  |   |   |          |
|              | 32       | ┝            | ╁╾       | ╁        | +- | +      | $\dashv$        | $\dashv$ | _            | $\vdash$   | $\dashv$        |          | 82       | ┼            | $\vdash$   | $\vdash$   |  |          |          |              |           |                | -           | 132      | $\vdash$   | Н               |          | $\vdash$ | -        | _        | _             | $\neg$    |          |   |   |  |   |   |          |
|              | 33       | $\vdash$     | ╁        | +        | ╁╌ | +      | +               |          |              |  | Н               |          | 83       | ├-           |  | <del> </del>                                     | -  |          | _        | -            |           |                |             | 133      |  |                 |          |          |          |          |               | $\exists$ |          |   |   |  |   |   |          |
|              | 34       | $\vdash$     | $\vdash$ | +        | +  | +      | $\dashv$        | $\dashv$ |              |  | $\vdash$        |          | 84       | <del> </del> | -  |  |  |          |          | $\neg$       | $\dashv$  | $\dashv$       |             | 134      | $\vdash$   |                 |          |          |          |          | 一             |           |          |   |   |  |   |   |          |
| $\vdash$     | 35       | ├            | +-       | +-       | +  | +      | $\dashv$        | -        | _            | $\vdash$   | $\vdash$        |          | 85       | T            | $\vdash$   | $\vdash$   | $\vdash$   | -        |          | $\dashv$     | $\neg$    | $\dashv$       |             | 135      | $\vdash$   | Н               |          | -        |          |          | $\dashv$      | es.       | _        |   |   |  |   |   |          |
| $\vdash$     | 36       | $\vdash$     | 1        | +        | +  | +      | $\dashv$        | $\dashv$ | $\vdash$     |  | H               | -        | 86       | $\vdash$     | H  | $\vdash$   | $\vdash$   |          |          |              | -         | $\dashv$       |             | 136      | $\vdash$   | Н               |          | $\vdash$ |          | $\vdash$ | $\dashv$      | $\neg$    |          |   |   |  |   |   |          |
| $\vdash$     | 37       | -            | $\vdash$ | t        | +  | +      | $\dashv$        | $\dashv$ |              |  | H               |          | 87       | T            | $\vdash$   | $\vdash$   |  | -        |          |              | $\dashv$  | $\dashv$       | <b>—</b> ~~ | 137      | $\vdash$   | $\vdash$        |          |          |          |          | 一             | $\exists$ |          |   |   |  |   |   |          |
|              | 38       | Н            | $\vdash$ | +        | +  | +      | +               |          | $\vdash$     | $\vdash$   | Н               |          | 88       | <del> </del> | <del> </del>                                     | $\vdash$   |  | $\vdash$ |          | $\dashv$     | -         | $\dashv$       |             | 138      |  |                 |          | Н        | $\vdash$ |          | $\sqcap$      | $\neg$    | _        |   |   |  |   |   |          |
|              | 39       | 1            | +        | +        | +  | +      | +               | $\dashv$ | $\vdash$     | $\vdash$   | H               |          | 89       | $\vdash$     | t  | t  | Н  | Н        | $\dashv$ | -            | 1         | _              |             | 139      | <del>                                     </del> | Н               |          | Н        | $\vdash$ |          |               | $\neg$    | _        |   |   |  |   |   |          |
|              | 40       | -            | +        | +        | +- | +      | +               |          | $\vdash$     | H  | H               | -        | 90       | $\vdash$     | $\vdash$   | t  | $\vdash$   | Н        |          | -            |           | $\dashv$       |             | 140      |  | Н               |          | Н        |          |          | $\overline{}$ |           |          |   |   |  |   |   |          |
| $\vdash$     | 41       | -            | +        | +        | +  | 十      | $\dashv$        | -        |              | <del>                                     </del> | H               |          | 91       | 1-           | <del>                                     </del> | <del>                                     </del> | $\vdash$   | Н        | $\vdash$ | $\dashv$     | $\dashv$  | $\dashv$       | <b> </b>    | 141      | H  | $\vdash$        |          |          |          |          | $\Box$        |           |          |   |   |  |   |   |          |
| $\vdash$     | 42       | $\vdash$     | +        | +        | +  | +      | +               | -        | <del> </del> | $\vdash$   | H               |          | 92       | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | Н        | $\dashv$ |              | $\exists$ | $\dashv$       |             | 142      | 1  |                 |          |          |          |          | $\sqcap$      |           |          |   |   |  |   |   |          |
| <b></b>      | 43       | -            | +        | +        | +  | +      | $\dashv$        | -        | ├──          | -  | H               |          | 93       | 1            | $\vdash$   | <del>                                     </del> | t  | Н        | $\dashv$ | $\dashv$     | $\dashv$  | $\dashv$       |             | 143      | $\vdash$   | $\vdash$        |          |          |          |          | $\sqcap$      |           |          |   |   |  |   |   |          |
| -            | 44       | $\vdash$     | +        | ╁        | +  | +      | -+              |          | $\vdash$     |  | H               | _        | 94       | $\vdash$     | <del>                                     </del> | t  | t  | Н        | $\dashv$ | $\vdash$     |           |                |             | 144      | Ι  | $\vdash$        |          |          |          |          | $\vdash$      |           |          |   |   |  |   |   |          |
|              | 45       | -            | +-       | +-       | +  | +      | $\dashv$        |          | $\vdash$     | <del>                                     </del> | $\vdash$        | -        | 95       | t            |  | $\vdash$   | $\vdash$   | $\vdash$ | -        |              |           | $\neg$         |             | 145      |  | Н               |          |          | _        |          | $\overline{}$ | $\neg$    | _        |   |   |  |   |   |          |
|              | 46       | 1            | +        | +-       | 1  | +      | +               |          | $\vdash$     | $\vdash$   | $\vdash \vdash$ |          | 96       | t            |  | $\vdash$   | l  | H        | $\vdash$ | $\vdash$     | $\dashv$  | $\dashv$       | -           | 146      | <del>                                     </del> | $\vdash$        |          |          |          |          |               |           |          |   |   |  |   |   |          |
|              | 47       | -            | +        | ╁        | +  | +      | +               | -        | $\vdash$     | $\vdash$   | H               | -        | 97       | t            |  | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$ |              |           |                |             | 147      |  | Н               |          |          |          |          | $\sqcap$      | $\neg$    |          |   |   |  |   |   |          |
| $\vdash$     | 48       | <del> </del> | +        | +        | +  | +      | $\dashv$        | $\dashv$ | <del> </del> | $\vdash$   | H               | _        | 98       | $t^{-}$      | 1  | <del>                                     </del> | <del>                                     </del> | Н        | $\vdash$ | $\vdash$     | $\dashv$  | $\blacksquare$ |             | 148      | $\vdash$   | $\Box$          | $\vdash$ |          |          |          | $\sqcap$      | $\neg$    |          |   |   |  |   |   |          |
|              | 49       | $\vdash$     | $\vdash$ | +        | +  | $^{+}$ | $\dashv$        |          | $\vdash$     | 1  | Н               |          | 99       | T            | $\vdash$   | $\vdash$   | 1  | -        | $\dashv$ | -            |           |                |             | 149      | <del>                                     </del> | H               |          |          |          |          | $\Box$        | $\neg$    |          |   |   |  |   |   |          |
| <b></b>      | 50       | Т            | T        | +        | +  | 十      | +               |          | -            | <del>                                     </del> | Н               |          | 100      | $t^-$        | $\vdash$   | <del>                                     </del> | 1  | -        | -        |              |           | $\dashv$       |             | 150      |  | H               | Т        |          | _        | $\vdash$ | $\sqcap$      | $\neg$    |          |   |   |  |   |   |          |